

UBESTA 3035UF

Polyamide 12

UBE America, Inc.

Message:

UBESTA 3035UF is a polyamide 12 (nylon 12) material. This product is available in North America.

The main features of UBESTA 3035UF are:

Good dimensional stability

good weather resistance

chemical resistance

Heat resistance

The typical application areas of UBESTA 3035UF are: water pipes/pipes/drinking water

General Information			
Features	Good dimensional stability		
	Good chemical resistance		
	Good weather resistance		
	Heat resistance, high		
Uses	Piping system		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	42.0	MPa	ASTM D638
Fracture, 23°C	54.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	250	%	ASTM D638
Flexural Modulus (23°C)	1420	MPa	ASTM D790
Flexural Strength (23°C)	55.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	145	°C	ASTM D648
Melting Temperature	178	°C	
Additional Information			

The value listed as Melting Point was tested in accordance with ASTM D3418.Tensile Strength at Break, ASTM D638, 23°C: >54 MPaTensile Elongation at Break, ASTM D638, 23°C: >250%

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